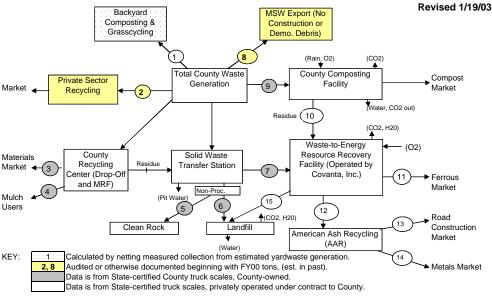
MATERIAL FLOW DIAGRAM Fiscal Year 2003



Totals:

Total Waste Generation (TWG) = 1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 + 9 =	1,246,256
Total MSW Generation (above without nonprocessibles) =	1,185,297

Stream	Material	Source(s) of Data	Total
No.	Description	. ,	(tons/yr)
1	Yard Waste Source Reduction	Calculated w/ estimates & measurements	93,592
2	Recycled via non-County Facil.	Hauler, Processor, Business & Self-Hauler	142,263
3	County Rec. Materials Sales	County TS & MRF Scales, Outbnd.	93,682
4	Mulch Loaded Out From TS	County Trans. Stn. Scale Records	14,563
5	Non-Processibles Recycled	County TS Scale Out Records	2,814
6	Non-Processibles Landfilled	County Trans. Stat'n. & Covanta Scale Records	58,145
7	Loaded on Rail	Cavanta Scales	618,829
8	Waste Disposed Out of County	Audited 6-Mo. Hauler Reports	141,190
9	All Incoming Leaves and Grass	Compost Facility Scale Records	81,178
10	Composting Residue to RRF	Covanta Scale Records	5,616
11	Ferrous recovered at RRF	Covanta Scale Records	19,504
12	Ash Loaded to AAR	Covanta Scale Records	-
13	AAR outgoing other than metal	AAR Scale Reports	-
14	Metals (Fe, Cu, Brass, Coins)	AAR Scale Reports	-
15	All ash not recycled	Covanta Scale Records	180,205

Residential Per Capital Waste Generation Rate: Population of County at Mid-Point of Study Period

Total Residential Waste Inclusive of Nonprocessibles
Residential MRA Waste Generation (without nonprocessibles

1	Population	Residential	Pounds per capita per day	
	918,000	Tons in FY03	FY 2003	
		628,697	3.75	
s)		602,370	3.60	

Nonresidential Per-Employee Waste Generation Rate: Employment at Mid-Point of Study Period

Total Nonresidential Waste Generation

Nonresidential MRA Waste Generation (without nonprocess

	Employment	Nonresidential	Pounds per emplo	yee per day
	569,000	Tons in FY03	FY 2003	
		617,559	5.95	
sibles)		582,928	5.61	

Recycling Rate Calculations		Numerator	Demoninator	Rate	
County Recycling Rate	(1 + 2 + 3 + 4 + 9 - 10 + 11 + 14) / (TWG - 5 - 6) =	439,166	1,185,297	37.05%	
State Recycling Rate	(2 + 3 + 4 + 9 - 10 + 11 + 13 + 14) / (TWG - 1 - 5 - 6) =	339,492	1,085,623	31.27%	*
State Recycling & Reduction Rate	(2 + 3 + 4 + 9 - 10 + 11 + 13 + 14) / (TWG - 1 - 5 - 6) + 5.0% =	339,492	1,085,623	36.27%	
EPA Recycling Rate	(2 + 3 + 4 + 9 - 10 + 11 + 14) / (TWG - 1 - 5 - 6) =	339,492	1,085,623	31.27%	*
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^{*}For State and EPA methods, numerator and demonator exclude motor oil & computers.

Flowstreams 10 through 15 are needed only for various recycling rate calculations.

Nonprocessibles are Construction & Demolition-type materials: not elligible for recycling credit, but are County-managed solid waste.